

2013 ADE Bandwidth Survey

September 11, 2013

Preliminary Status Update

Submission Status

246 Submissions / 8 Remaining

ACADEMICS PLUS	BRINKLEY	DANVILLE	FORT SMITH	HERMITAGE
ALMA	BROOKLAND	DARDANELLE	FOUKE	HIGHLAND
ALPENA	BRYANT	DECATUR	FOUNTAIN LAKE	HILLCREST
ARK. SCHOOL FOR THE BLIND	BUFFALO IS. CENTRAL	DEER/MT. JUDEA	GENOA CENTRAL	HOPE
ARK. SCHOOL FOR THE DEAF	CABOT	DEQUEEN	GENTRY	HORATIO
ARKADELPHIA	CADDO HILLS	DERMOTT	GLEN ROSE	HOT SPRINGS
ARKANSAS VIRTUAL ACADEMY	CALICO ROCK	DES ARC	GOSNELL	HOXIE
ARMOREL	CAMDEN FAIRVIEW	DEWITT	GRAVETTE	HUGHES
ASHDOWN	CARLISLE	DIERKS	GREEN FOREST	HUNTSVILLE
ATKINS	CAVE CITY	DOLLARWAY	GREENBRIER	IMBODEN CHARTER
AUGUSTA	CEDAR RIDGE	DOVER	GREENE CO. TECH	IZARD CO. CONS.
BALD KNOB	CEDARVILLE	DREW CENTRAL	GREENLAND	JACKSON CO.
BARTON-LEXA	CENTERPOINT	DUMAS	GREENWOOD	JACKSONVILLE LIGHTHOUSE CHARTER
BATESVILLE	CHARLESTON	EARLE	GURDON	JASPER
BAUXITE	CLARENDON	EAST END	GUY-PERKINS	JESSIEVILLE
BAY	CLARKSVILLE	EAST POINSETT CO.	HAAS HALL ACADEMY	JONESBORO
BEARDEN	CLEVELAND COUNTY	EL DORADO	HACKETT	JUNCTION CITY
BEEBE	CLINTON	ELKINS	HAMBURG	KIPP DELTA PUBLICSCHOOLS
BENTON COUNTY SCHOOL OF ARTS	CONCORD	EMERSON-TAYLOR	HAMPTON	KIRBY
BENTON	CONWAY	ENGLAND	HARMONY GROVE (OUACHITA)	LAFAYETTE COUNTY
BENTONVILLE	CORNING	ESTEM HIGH SCHOOL	HARMONY GROVE (SALINE)	LAKE HAMILTON
BERGMAN	COSSATOT RIVER	EUREKA SPRINGS	HARRISBURG	LAKE SIDE (CHICOT)
BERRYVILLE	COTTER	FARMINGTON	HARRISON	LAKE SIDE (GARLAND)
BISMARCK	COUNTY LINE	FAYETTEVILLE	HARTFORD	LAMAR
BLEVINS	COVENANTKEEPERS CHARTER SCHO	FLIPPIN	HAZEN	LAVACA
BLYTHEVILLE	CROSS COUNTY	FORDYCE	HEBER SPRINGS	LAWRENCE COUNTY
BOONEVILLE	CROSSETT	FOREMAN	HECTOR	LEAD HILL
BRADFORD	CUTTER-MORNING STAR	FORREST CITY	HELENA/W. HELENA	LEE COUNTY

PRELIMINARY - STATUS UPDATE 09/11/12

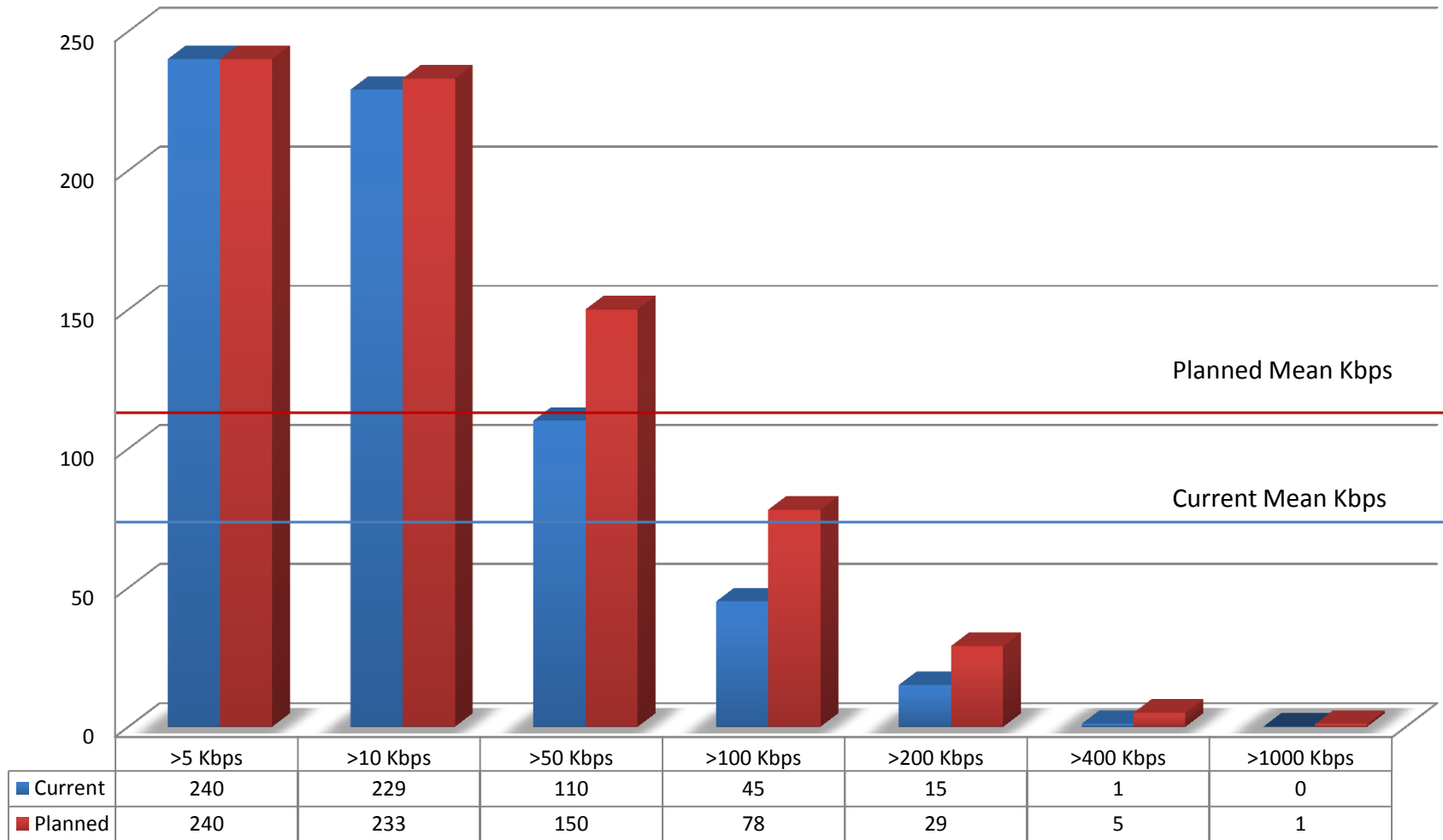
Submission Status

LINCOLN	MIDLAND	OZARK	RUSSELLVILLE	TRUMANN
LISA ACADEMY	MINERAL SPRINGS	PALESTINE-WHEATLEY	SALEM	TWO RIVERS
LISA ACADEMY NORTH	MONTICELLO	PANGBURN	SCRANTON	VALLEY SPRINGS
LITTLE ROCK PREPARATORY ACADEMY	MOUNT IDA	PARAGOULD	SEARCY COUNTY	VALLEY VIEW
LITTLE ROCK	MOUNTAIN HOME	PARIS	SEARCY	VAN BUREN
LONOKE	MOUNTAIN PINE	PARKERS CHAPEL	SHERIDAN	VILONIA
MAGAZINE	MOUNTAIN VIEW	PEA RIDGE	SHIRLEY	VIOLA
MAGNET COVE	MOUNTAINBURG	PERRYVILLE	SIATECH LITTLE ROCK CHARTER	WALDRON
MAGNOLIA	MT. VERNON/ENOLA	PIGGOTT	SILAM SPRINGS	WARREN
MALVERN	MULBERRY	PINE BLUFF LIGHTHOUSE ACADEMY	SLOAN-HENDRIX	WATSON CHAPEL
MAMMOTH SPRING	N. LITTLE ROCK	PINE BLUFF	SMACKOVER	WEST FORK
MANILA	NASHVILLE	POCAHONTAS	SO. CONWAY CO.	WEST MEMPHIS
MANSFIELD	NEMO VISTA	POTTSVILLE	SO. MISS. COUNTY	WEST SIDE (CLEBURNE)
MARION	NETTLETON	POYEN	SOUTH PIKE COUNTY	WESTERN YELL CO.
MARKED TREE	NEVADA	PRAIRIE GROVE	SOUTH SIDE (VANBUREN)	WESTSIDE CONS. (CRAIGHEAD)
MARMADUKE	NEWPORT	PRESCOTT	SOUTHSIDE (INDEPENDENCE)	WESTSIDE (JOHNSON)
MARVELL-ELAINE	NORFOLK	PULASKI CO. SPEC.	SPRING HILL	WHITE CO. CENTRAL
MAYFLOWER	NORPHLET	QUITMAN	SPRINGDALE	WHITE HALL
MAYNARD	OMAHA	RECTOR	STAR CITY	WONDERVIEW
MCCRORY	OSCEOLA	RIVERSIDE	STEPHENS	WOODLAWN
MCGEEHEE	OUACHITA RIVER	RIVERVIEW	STRONG-HUTTIG	WYNNE
MELBOURNE	OUACHITA	ROGERS	STUTTGART	YELLVILLE-SUMMIT
MENA	OZARK MOUNTAIN	ROSE BUD	TEXARKANA	

Survey Results

As of September 9, 2013

District Level Current Vs. Planned Bandwidth Kbps Per Student & Staff

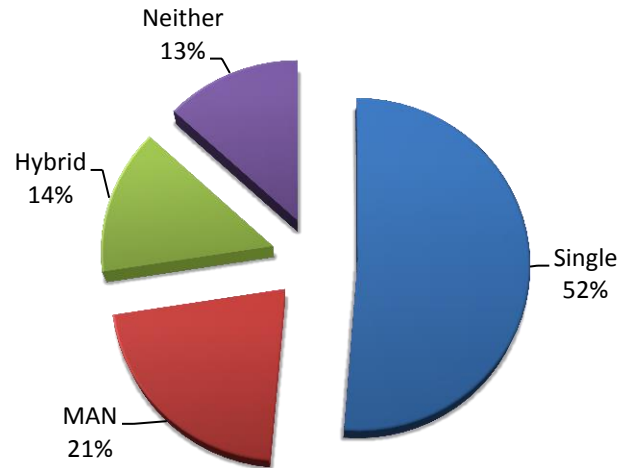


PRELIMINARY - STATUS UPDATE 09/11/12

Network Type

(244 Districts Reporting)

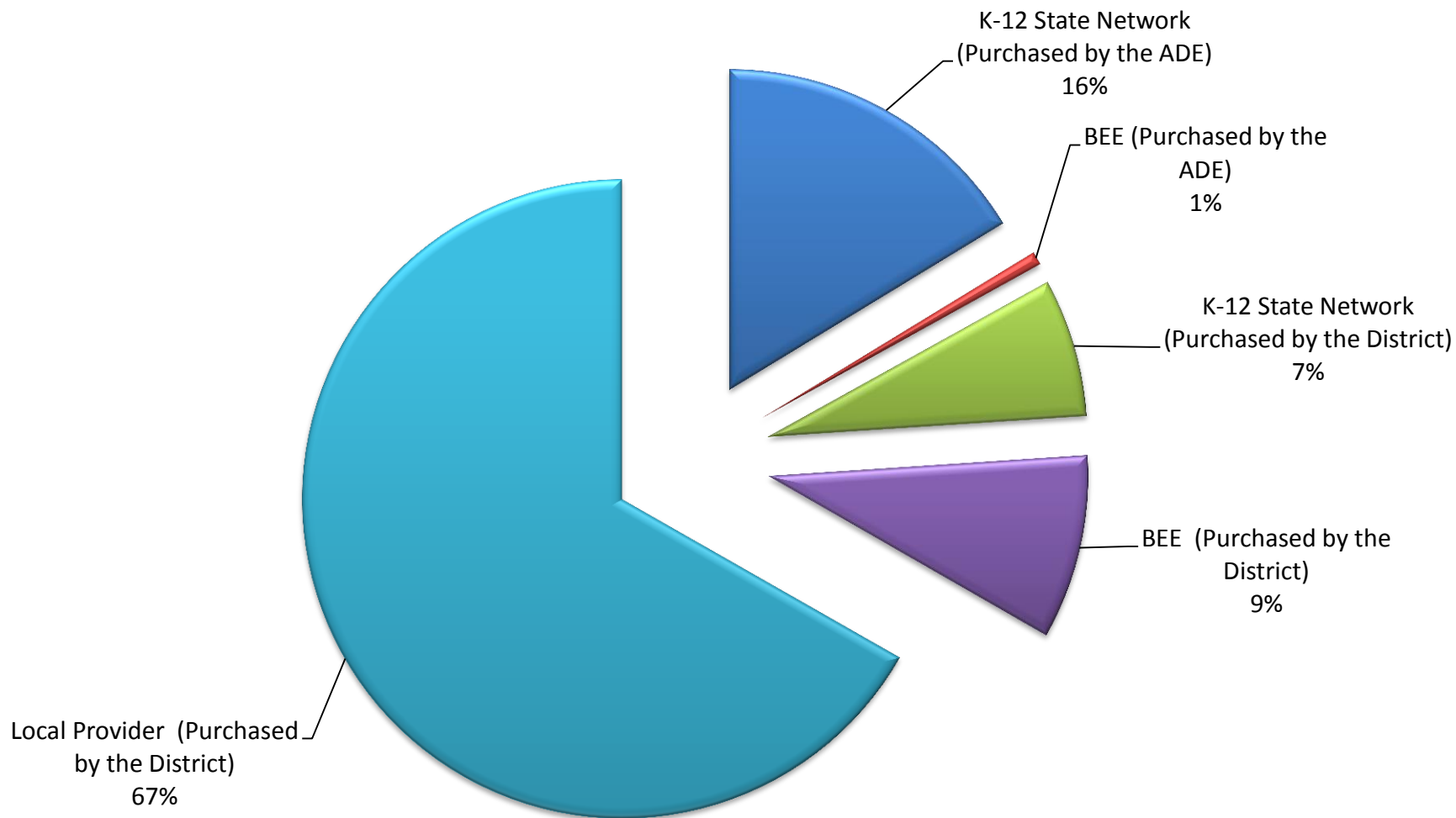
Number of Demarcs: 564



- **SINGLE:** Single building or multiple buildings served by 1 demarc; 1 demarc per school campus
- **MAN:** Municipal Area Network
- **Hybrid:** Combination of Single and MAN
- *No Data Reported: 116*

Source of Bandwidth

(244 Districts Reporting)

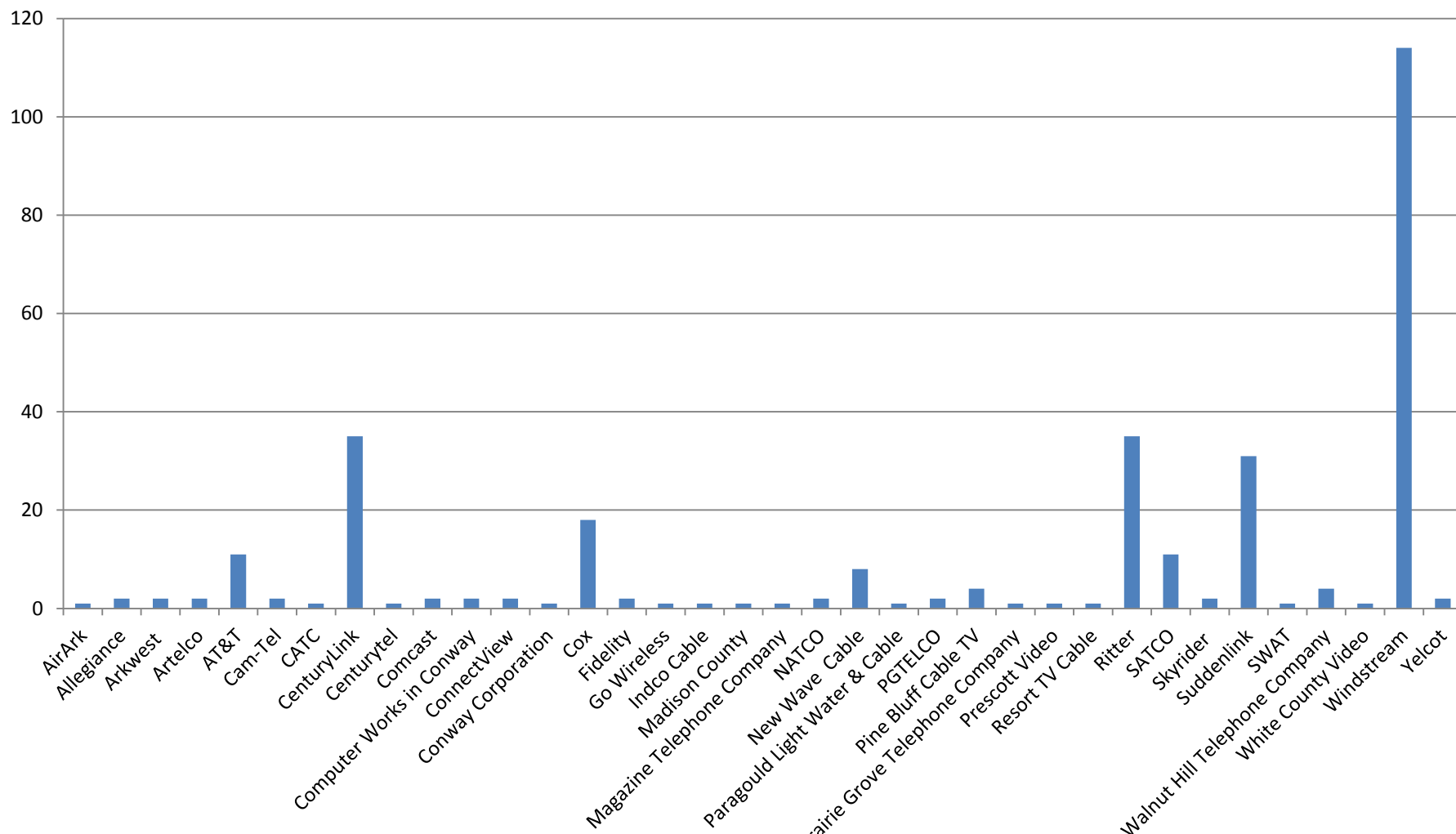


Current Bandwidth Statistics

As of September 9, 2013

Current Local Bandwidth Providers

309 Demarcs Reporting



PRELIMINARY - STATUS UPDATE 09/11/12

Current Bandwidth

Averaged Across Districts (244 Districts Reporting)

Mean: 117.69 Mbps

Median: 56.07 Mbps

Mode: 30.00 Mbps

Minimum: 3.00 Mbps *(Nevada, Hermitage, Blevins, Brinkley School Districts)*

Maximum: 1,703.51 Mbps *(PCSSD)*

Standard Deviation: 205.74

Current Kbps per Student & Staff

Averaged Across Districts (244 Districts Reporting)

Mean: 70.24 Kbps

Median: 43.60 Kbps

Mode: 21.22 Kbps

Minimum: 2.78 Kbps (*Lisa Academy North*)

Maximum: 865.82 Kbps (*Arkansas School for the Blind*)

Standard Deviation: 83.16 Kbps

Cost of **Current** Local Bandwidth

Averaged Across Districts (172 Reporting)

Mean: \$39.76 per Mb

Median: \$18.00 per Mb

Minimum: \$1.20 per Mb (*Hope School District*)

Maximum: \$480.88 per Mb (*Dewitt School District*)

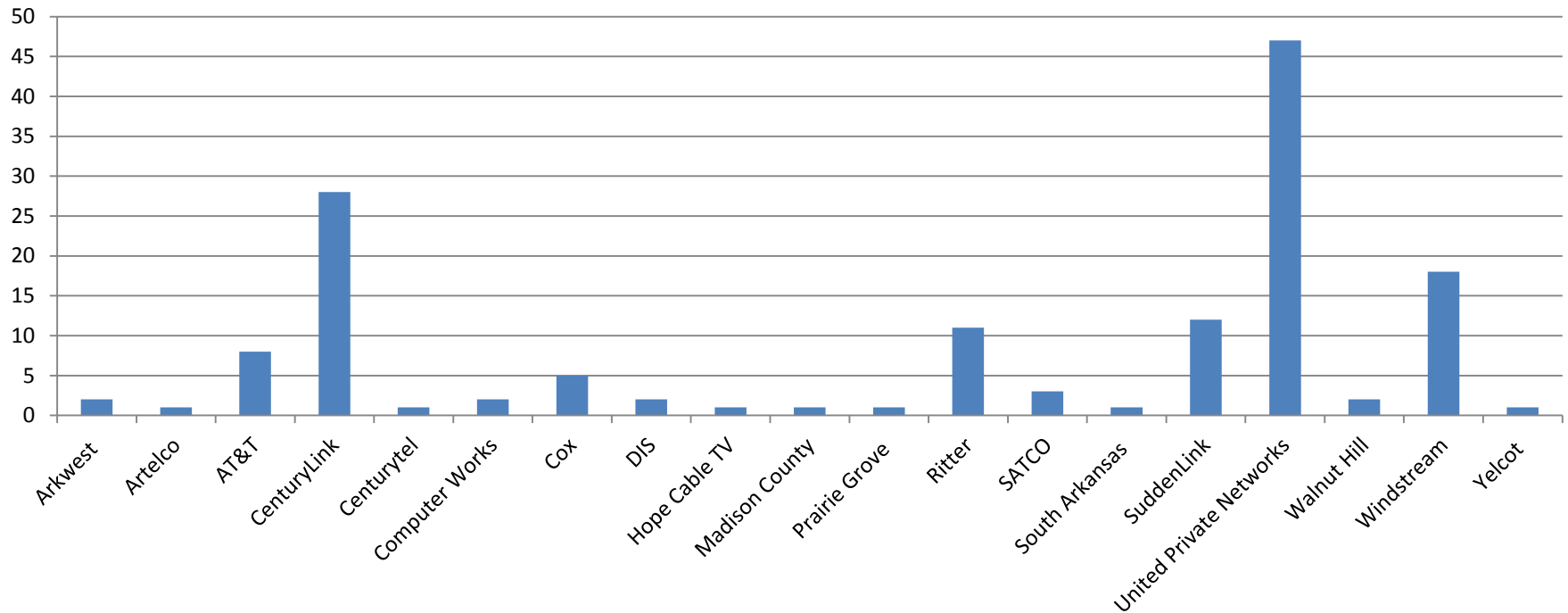
Standard Deviation: \$64.36 per Mb

Planned Additions in Bandwidth and Providers

As of September 9, 2013

Planned Local Bandwidth Providers

147 Demarcs Reporting



Planned Bandwidth

Averaged Across Districts (75 Districts Reporting)*

Mean: 200.15 Mbps

Median: 100 Mbps

Mode: 100.00 Mbps

Minimum: 10.00 Mbps (*Viola School District*)

Maximum: 2,020 Mbps (*PCSSD, Cabot School Districts*)

Standard Deviation: 367 Mbps

**Excludes LRSD's – 48GB Planned Purchase*

Planned Kbps per Student & Staff

Averaged Across Districts (242 Districts Reporting)*

Mean: 97.08 Kbps

Median: 64.35 Kbps

Minimum: 2.78 Kbps *(Lisa Academy North)*

Maximum: 1,855.45 Kbps *(Ark. School for the Blind)*

Standard Deviation: 102.67 Kbps

**Excludes LRSD's Planned 1855.45 Kbps/Student & Staff*

Cost of **Planned** Local Bandwidth

Averaged Across Districts (59 Reporting)

Mean: \$25.84 per Mb

Median: \$15.79 per Mb

Minimum: \$1.45 Per Mb (*Little Rock School District*)

Maximum: \$162.69 Per Mb (*West Side School District – Cleburne County*)

Standard Deviation: \$28.39 Per Mb

Top Districts for Least and Most Bandwidth

TOP 20 Districts with Least Bandwidth

Averaged Across Districts (244 Districts Reporting)

District Name	Total Current Bandwidth by District	Total Current + Planned Bandwidth by District	Staff + Student	Current Kbps per Student and Staff	Planned Kbps per Student and Staff
LISA ACADEMY NORTH	1.54	1.536	565	2.78	2.78
BAUXITE SCHOOL DISTRICT	4.50	4.5	1182	3.90	3.90
BRINKLEY SCHOOL DISTRICT	3.00	3	688	4.47	4.47
BLEVINS SCHOOL DISTRICT	3.00	3	589	5.22	5.22
POYEN SCHOOL DISTRICT	3.38	3.384	635	5.46	5.46
HERMITAGE SCHOOL DISTRICT	3.00	3	517	5.94	5.94
NEVADA SCHOOL DISTRICT	3.00	3	431	7.13	7.13
CUTTER-MORNING STAR SCH. DIST.	6.00	6	716	8.58	8.58
HELENA/ W.HELENA SCHOOL DIST.	7.61	7.608	879	8.86	8.86
WONDERVIEW SCHOOL DISTRICT	4.50	4.5	519	8.88	8.88
MOUNTAIN VIEW SCHOOL DISTRICT	20.50	20.5	1972	10.65	10.65
NORFORK SCHOOL DISTRICT	6.00	6	535	11.48	11.48
CEDAR RIDGE SCHOOL DISTRICT	11.00	11	975	11.55	11.55
MOUNTAIN HOME SCHOOL DISTRICT	50.00	50	4418	11.59	11.59
CONWAY SCHOOL DISTRICT	125.00	125	10646	12.02	12.02
BENTON COUNTY SCHOOL OF ARTS	10.00	10	846	12.10	12.10
WHITE HALL SCHOOL DISTRICT	40.00	40	3219	12.72	12.72
GLEN ROSE SCHOOL DISTRICT	13.88	13.884	1115	12.75	12.75
SPRINGDALE SCHOOL DISTRICT	300.00	300	23176	13.26	13.26
HORATIO SCHOOL DISTRICT	18.24	18.24	1394	13.40	13.40

TOP 20 Districts with Most Bandwidth

Averaged Across Districts (243 Districts Reporting– Excludes LRSD)

District Name	Total Current Bandwidth by District	Total Current + Planned Bandwidth by District	Staff + Student	Current Kbps per Student and Staff	Planned Kbps per Student and Staff
ARK. SCHOOL FOR THE BLIND	104.00	104	123	865.82	865.82
RIVERSIDE SCHOOL DISTRICT	202.00	202	519	398.55	398.55
MARION SCHOOL DISTRICT	1576.00	1656	4612	349.92	367.68
RIVERVIEW SCHOOL DISTRICT	517.00	517	1569	337.42	337.42
ARK. SCHOOL FOR THE DEAF	53.00	53	164	330.93	330.93
FOREMAN SCHOOL DISTRICT	203.00	313	646	321.78	496.15
FOUKE SCHOOL DISTRICT	216.30	216.3	802	276.17	276.17
MAMMOTH SPRING SCHOOL DISTRICT	126.00	126	537	240.27	240.27
HILLCREST SCHOOL DISTRICT	98.00	98	436	230.17	230.17
SMACKOVER SCHOOL DISTRICT	204.50	454.5	919	227.87	506.43
BUFFALO IS. CENTRAL SCH. DIST.	209.00	259	945	226.47	280.65
HOPE SCHOOL DISTRICT	612.00	612	2844	220.35	220.35
OMAHA SCHOOL DISTRICT	105.00	105	490	219.43	219.43
MIDLAND SCHOOL DISTRICT	127.50	127.5	620	210.58	210.58
EMERSON-TAYLOR SCHOOL DISTRICT	229.00	229	1159	202.33	202.33
DARDANELLE SCHOOL DISTRICT	443.72	443.72	2281	199.20	199.20
OZARK MOUNTAIN SCHOOL DISTRICT	163.00	463	853	195.68	555.82
RUSSELLVILLE SCHOOL DISTRICT	1050.00	1050	5773	186.25	186.25
LAFAYETTE COUNTY SCHOOL DISTRI	204.50	204.5	1159	180.68	180.68
RECTOR SCHOOL DISTRICT	66.00	66	377	179.27	179.27